

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002374.D
 Acq On : 16 Apr 2020 17:53
 Operator : SY/MD
 Sample : L2271-01
 Misc : 4.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-3

Quant Time: Apr 17 08:09:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	143737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101201	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79784	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.74	113	85501	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.19	98	343686	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	12.49	95	108954	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

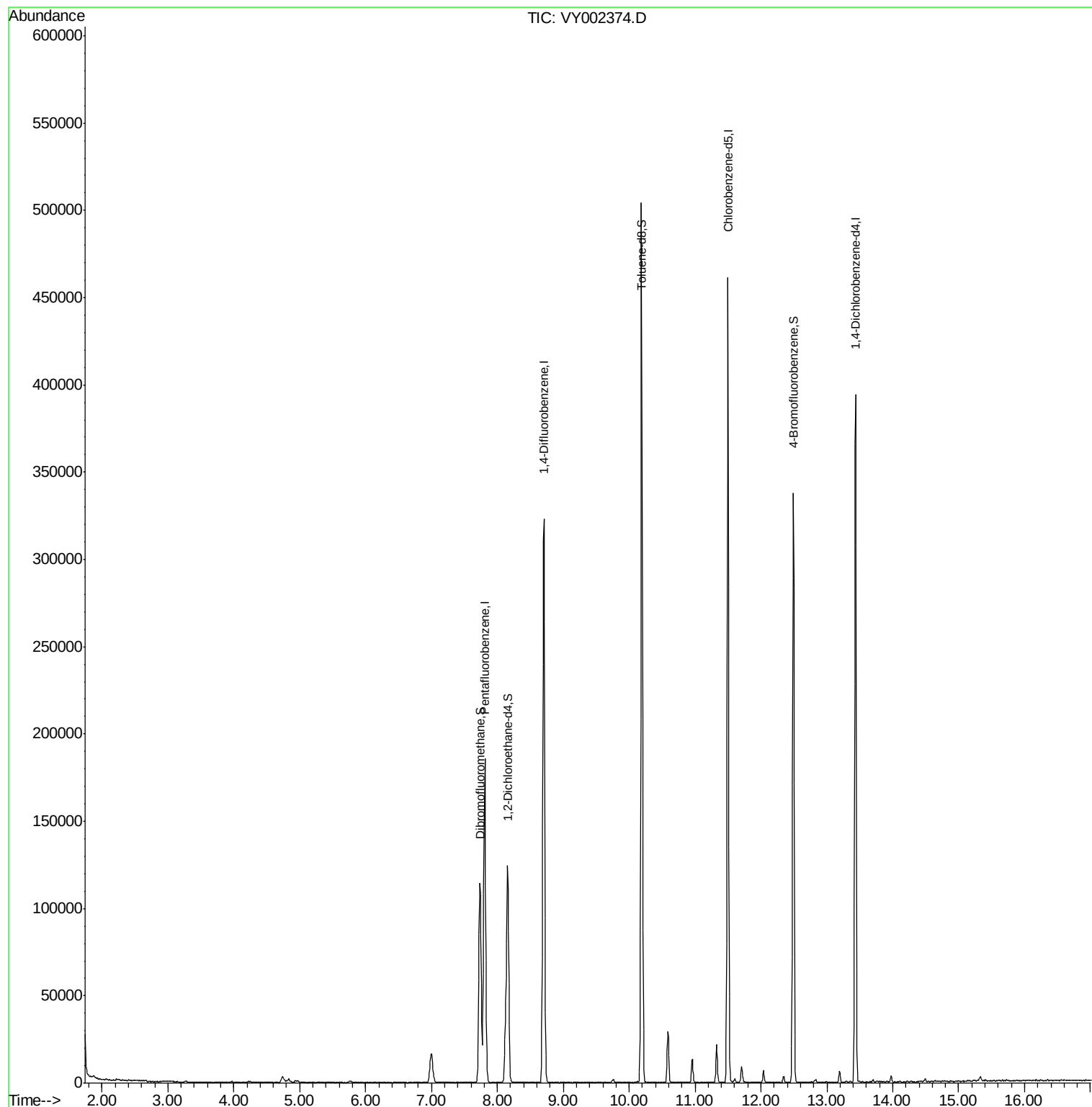
Target Compounds	Qvalue

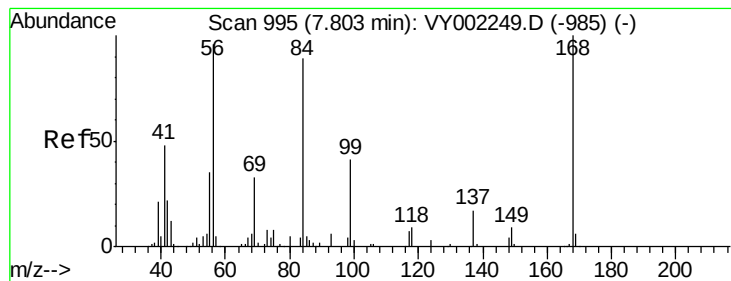
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

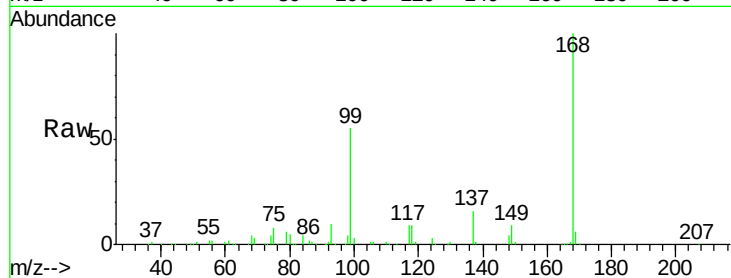
BG-3

Tot Ion:168 Resp: 143737

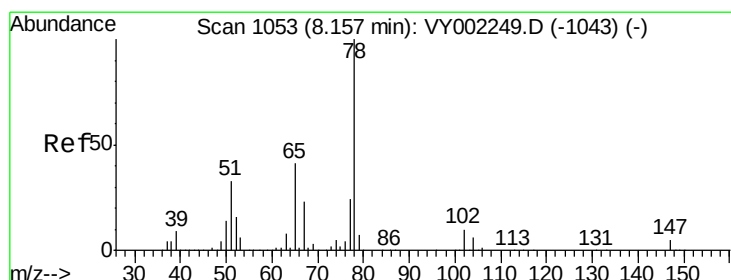
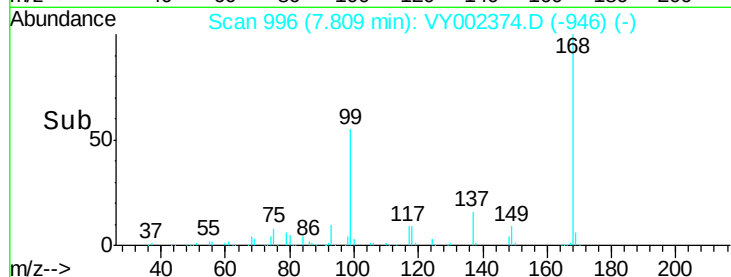
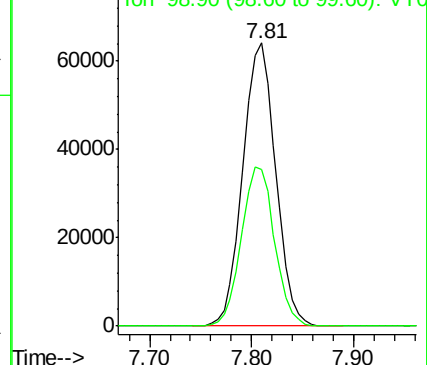
Ion Ratio Lower Upper

168 100

99 55.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.913 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002374.D

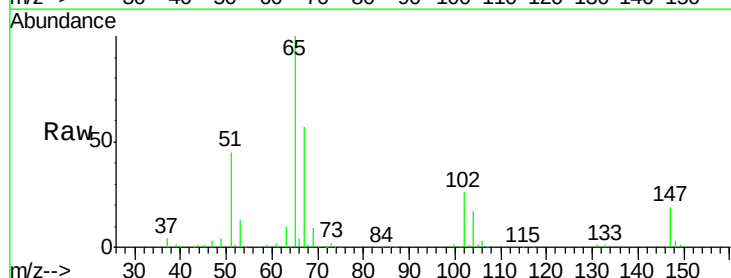
Acq: 16 Apr 2020 17:53

Tgt Ion: 65 Resp: 79784

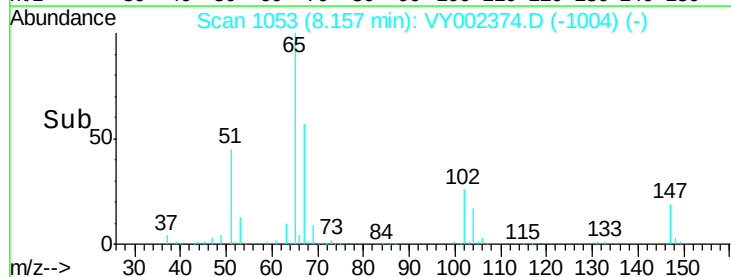
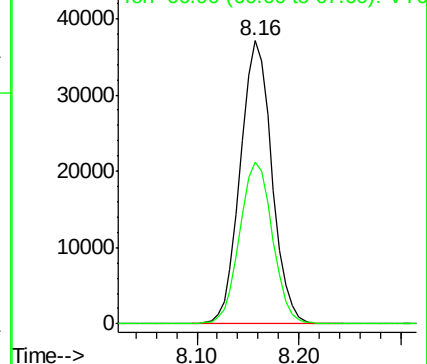
Ion Ratio Lower Upper

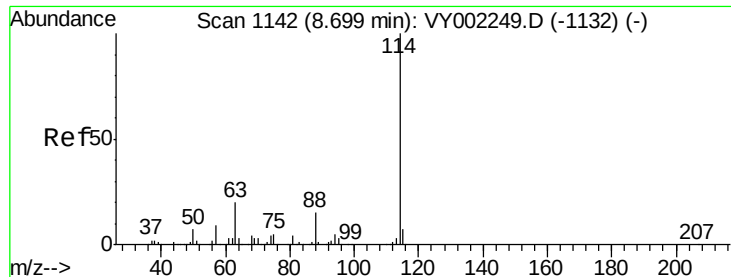
65 100

67 59.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampleId :

BG-3

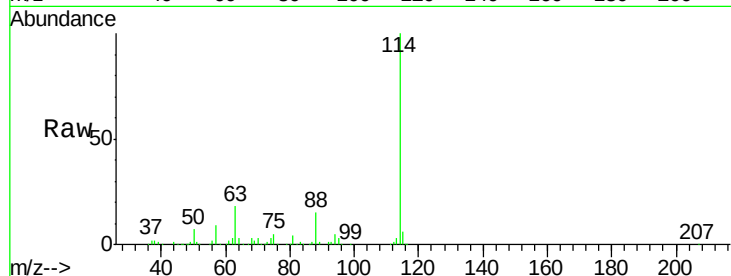
Tot Ion:114 Resp: 287444

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.0

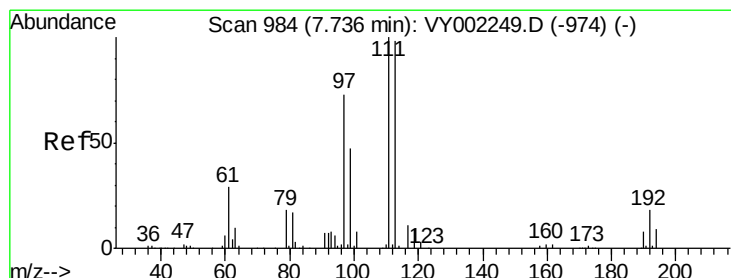
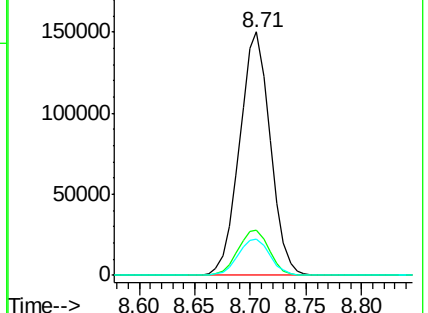
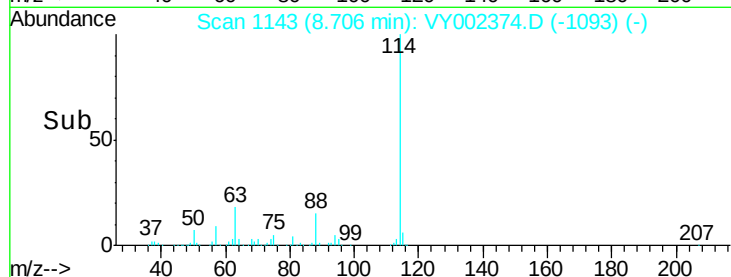
88 15.0 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.989 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

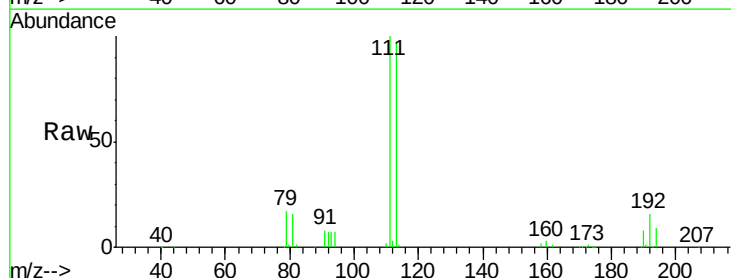
Tgt Ion:113 Resp: 85501

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

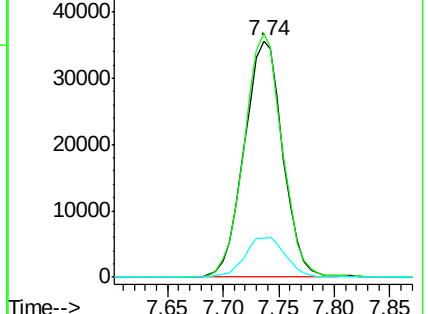
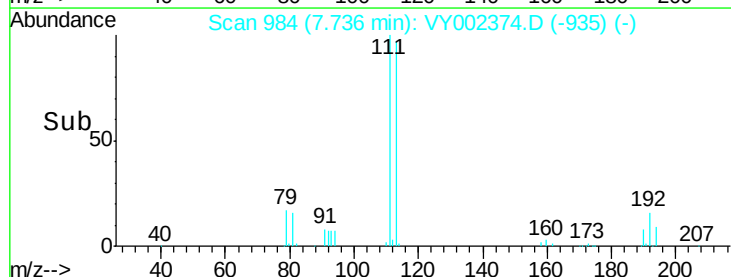
192 17.7 14.7 22.1

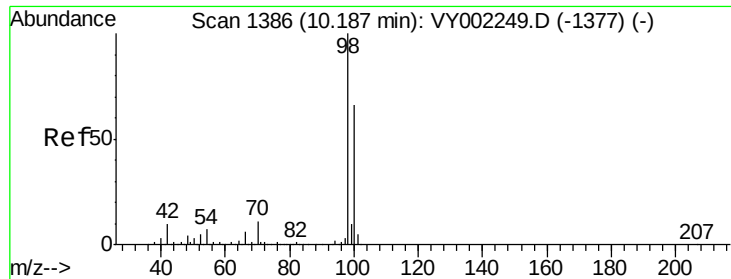


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.008 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

Instrument :

MSVOA_Y

ClientSampled :

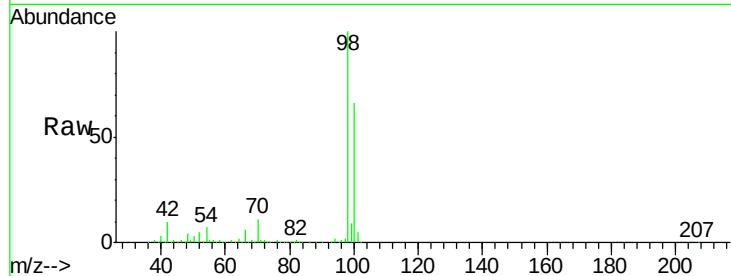
BG-3

Tot Ion: 98 Resp: 343686

Ion Ratio Lower Upper

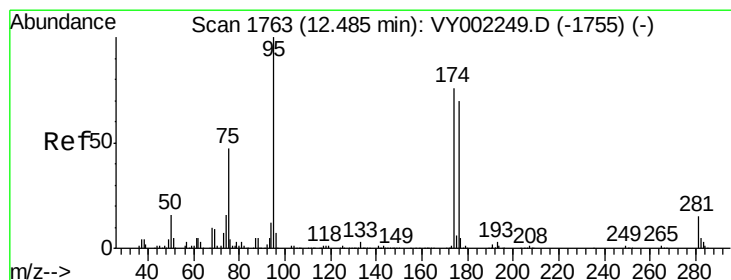
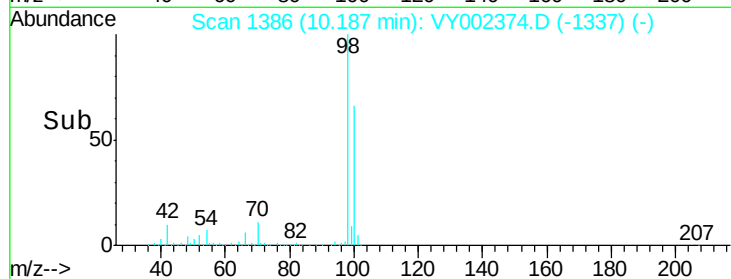
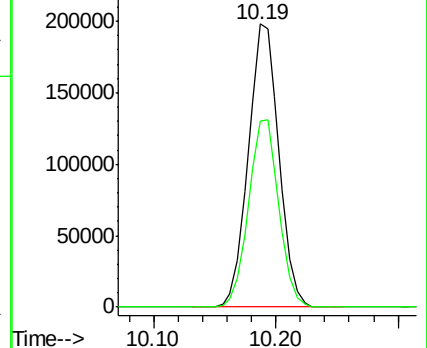
98 100

100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002374.D

Acq: 16 Apr 2020 17:53

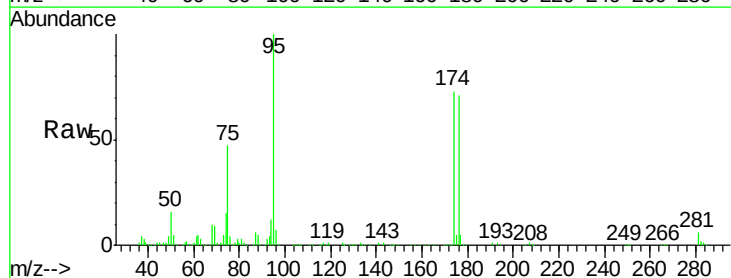
Tgt Ion: 95 Resp: 108954

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.6

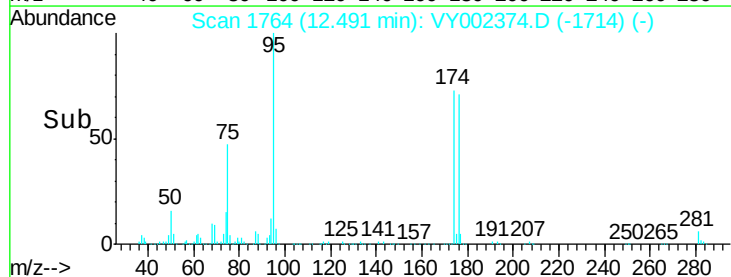
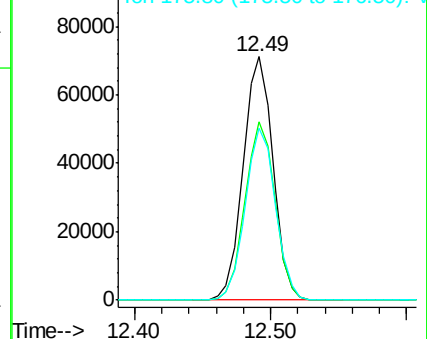
176 71.7 0.0 141.4

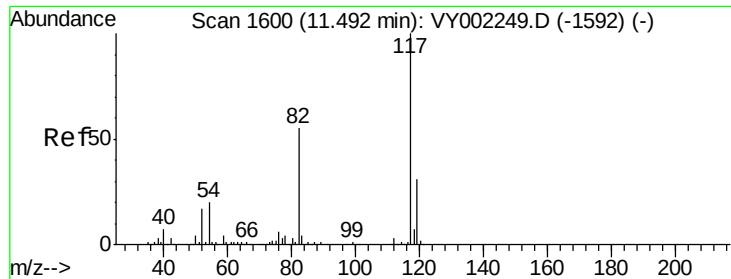


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

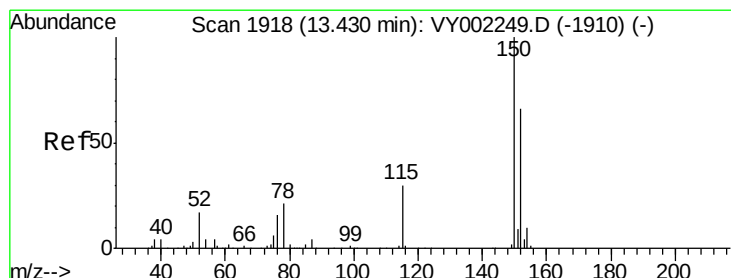
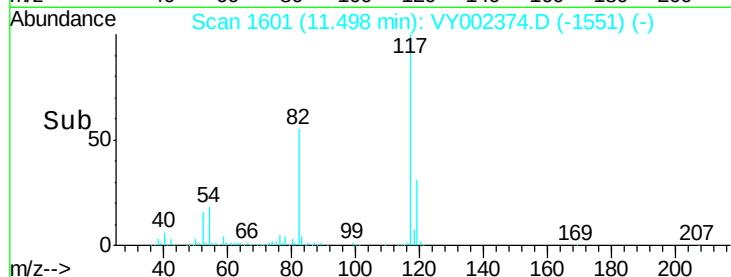
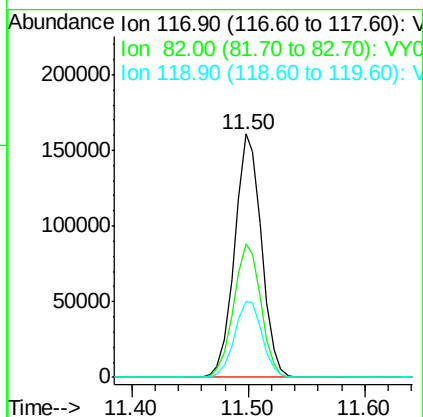
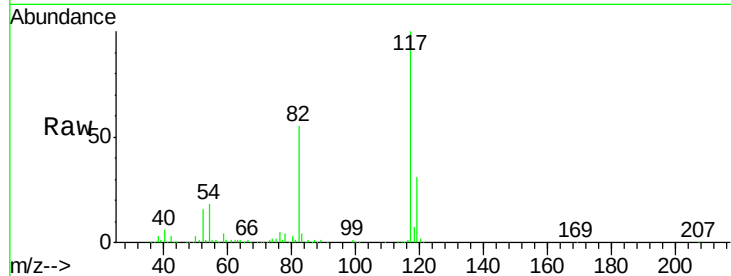




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002374.D
Acq: 16 Apr 2020 17:53

Instrument :
MSVOA_Y
ClientSampleId :
BG-3

Tot Ion:117 Resp: 256936
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.4
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002374.D
Acq: 16 Apr 2020 17:53

Tgt Ion:152 Resp: 101201
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 155.8 0.0 350.6

